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Title: **JP58097255A2: MANUFACTURE OF PACKING FOR DRY BATTERY**
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Country: **JP** Japan
Kind: **A**

Inventor(s): **SHINODA KENICHI
OOTA HIROHIKO
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Applicant/Assignee: **FUJI ELELCTROCHEM CO LTD**
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Issued/Filed Dates: **June 9, 1983 / Dec. 2, 1981**

Application Number: **JP1981000192725**

IPC Class: **H01M 2/08;**

Abstract: **Purpose:** To prevent leaking of an electrolyte to the outside of a dry battery to increase electrolyte leakage resistance by using paper obtained by immersing it in a molten water-repellant material such as paraffin, wax under a reduced pressure after drying.
Constitution: Paper having a density of 0.4 ~ 0.8g/cm³ and a basis weight of 200 ~ 800g/m² is desirable. The paper while is over this range is too hard, and even after impregnation of paraffin or wax it has insufficient softness in order that it keeps liquid-tight contact with parts such as an anode terminal plate. The paper which is bellow this range has good contact with parts but decreases mechanical strength, thus workability such as supply of parts is decreased.

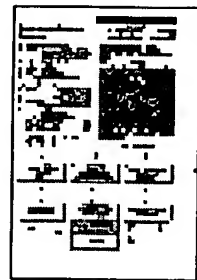
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Family: [Show known family members](#)

Other Abstract Info: none

Foreign References: No patents reference this one



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(11) Publication number: **58097255 A**

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PATENT ABSTRACTS OF JAPAN(21) Application number: **56192725**(51) Intl. Cl.: **H01M 2/08**(22) Application date: **02.12.81**

(30) Priority:

(43) Date of application
publication: **09.06.83**(84) Designated contracting
states:(71) Applicant: **FUJI ELELCTROCHEM CO LTD**(72) Inventor: **SHINODA KENICHI
OTA HIROHIKO
MURAKOSHI MITSUO**

(74) Representative:

**(54) MANUFACTURE OF
PACKING FOR DRY
BATTERY**

(57) Abstract:

PURPOSE: To prevent leaking of an electrolyte to the outside of a dry battery to increase electrolyte leakage resistance by using paper obtained by immersing it in a molten water-repellant material such as paraffin, wax under a reduced pressure after drying.

CONSTITUTION: Paper having a density of $0.4 \sim 0.8 \text{g/cm}^3$ and a basis weight of $200 \sim 800 \text{g/m}^2$ is desirable. The paper while is over this range is too hard, and even after impregnation of paraffin or wax it has insufficient softness in order that it keeps liquid-tight contact with parts such as an anode terminal plate. The paper which is bellow this range has good contact with parts but decreases mechanical strength, thus workability such as supply of parts is decreased.

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